

FIGURE 1A

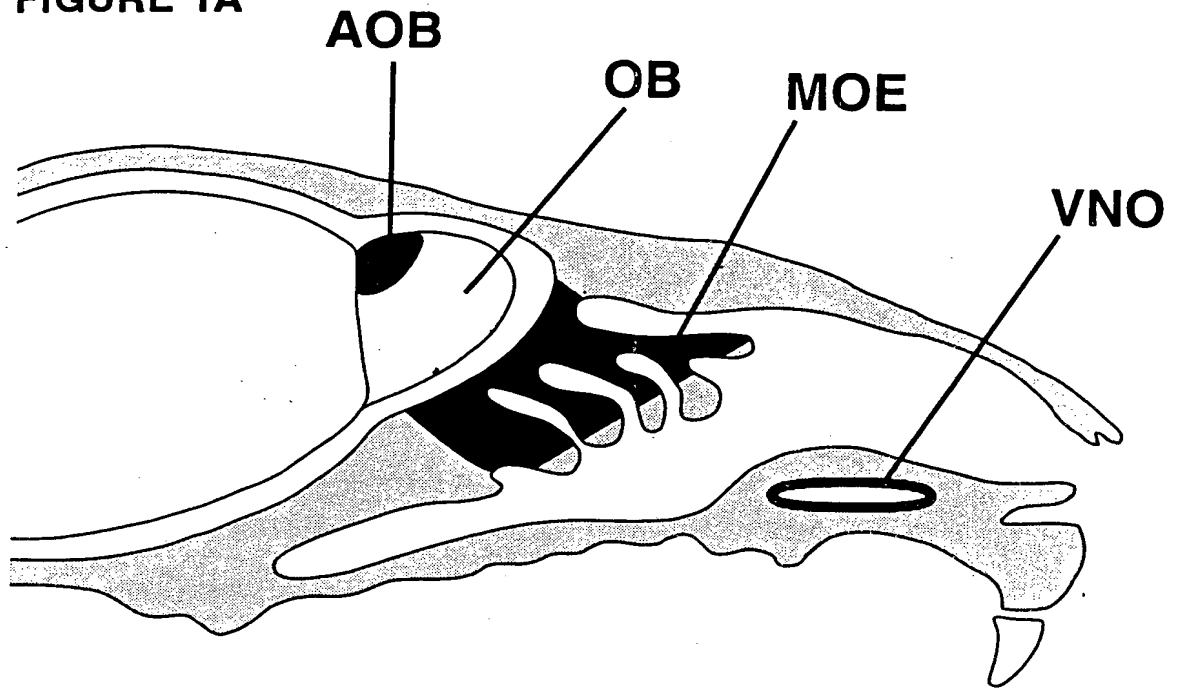
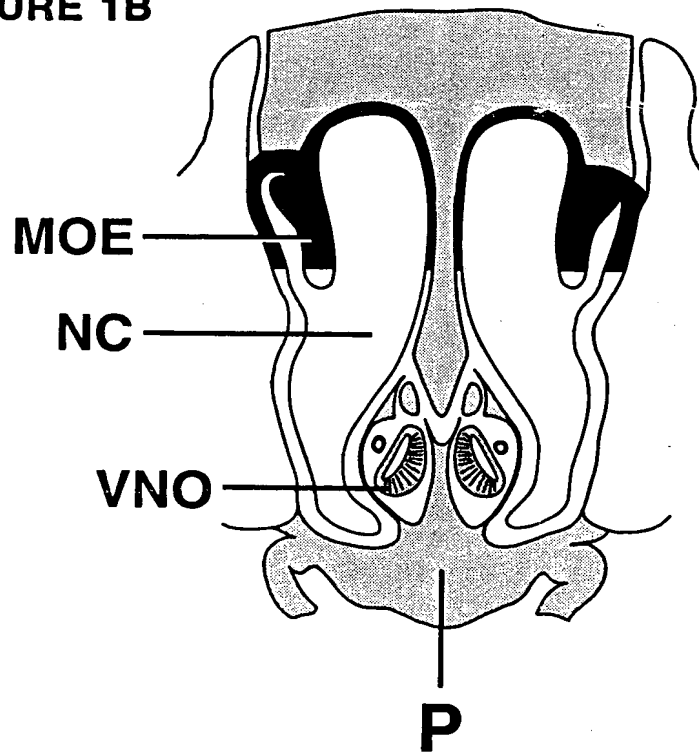


FIGURE 1B



09898416-070301

FIGURE 2A

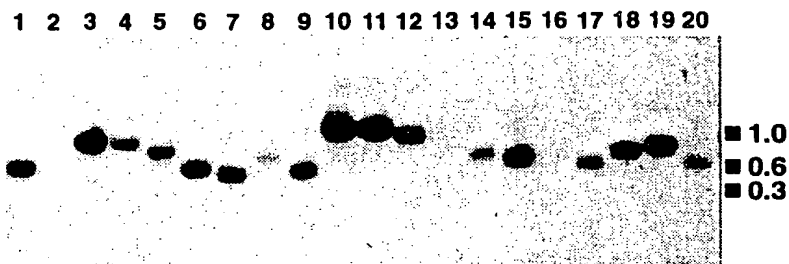


FIGURE 2B

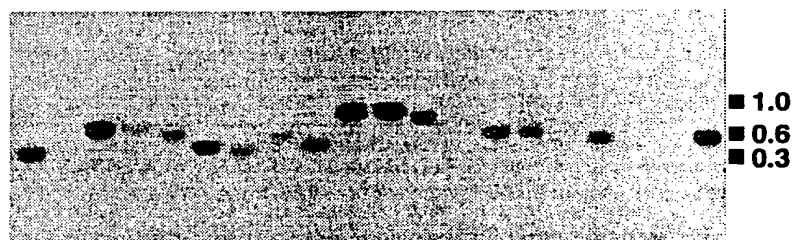
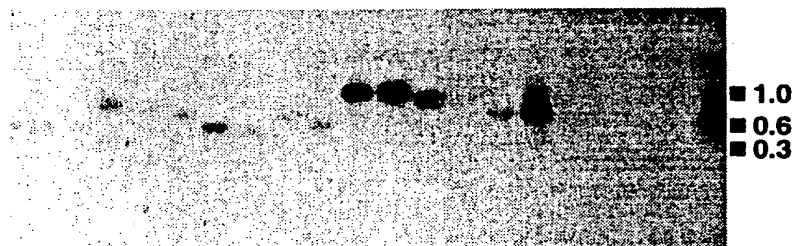


FIGURE 2C



0999446-070301

FIGURE 3A

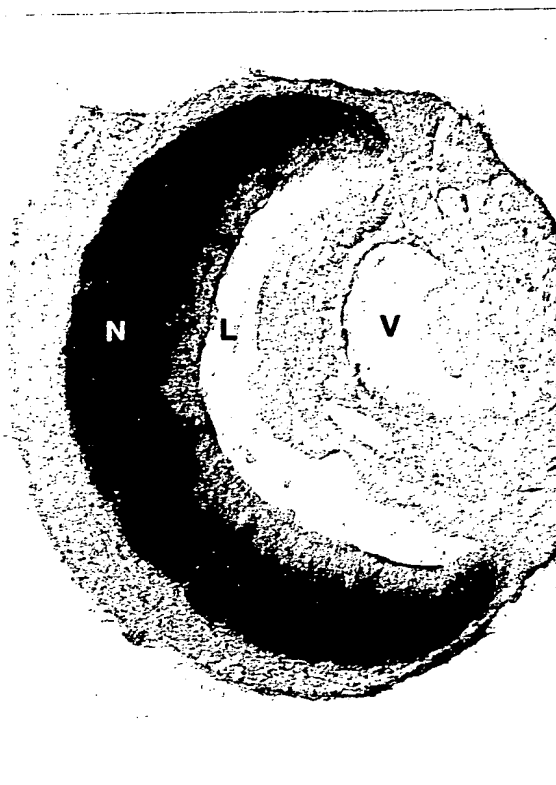


FIGURE 3B

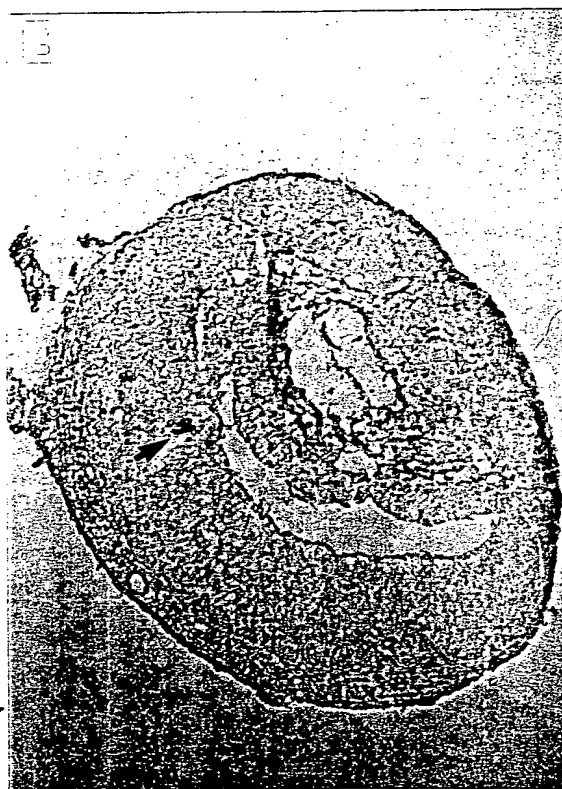


FIGURE 3C

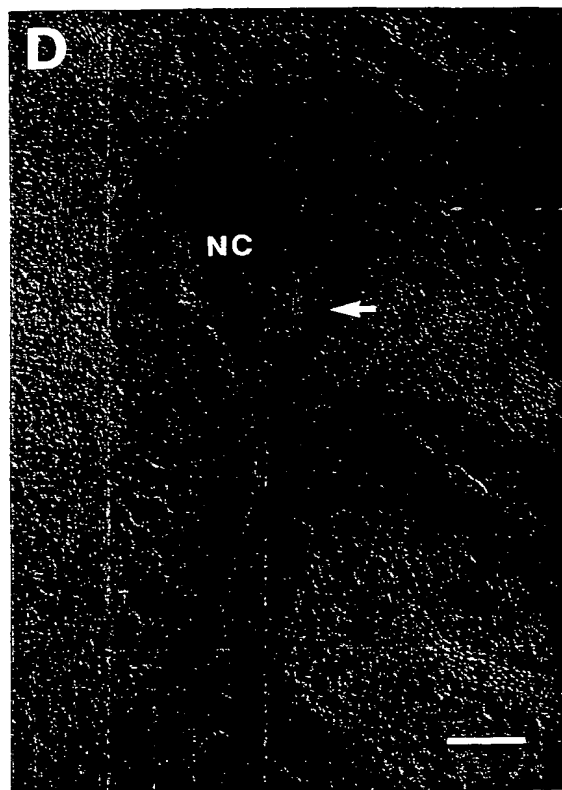


FIGURE 3D

09898416-070301

II

I

VN1	MMNKNRRLYTDSNIRNTFFAEIGIGVGSANSL	LLLFNIIFKLCIGQRRSLTDLPIGL	LSSLINLMLMTAFIATDTFISWRGM	81
VN2	MMNKNRRLHIDSNIRNTFFTEIGIGVGSANSL	LLLFNIIFKFIHGRRSLTDLPIGL	LSSLINLMLLMACIATDIFISCRRW	81
VN3	MMNKNRSLVHDSIRNTFTSEIGIGILANSFL	LLFHIFKFIIRGQRSDLTDLPIGL	LSSLIHLMMLMGAFIADIFISWRGM	81
VN4	MMKDNNTQHVDTIMKITMFSVSVGILANSIL	FFGHLCMLLGKPKPIHLYIASLSLTQMLL	ITMGLIAADMFISQGIW	80
VN5		FSHLFMLFEKNRCKPIDLYIAF	LSTLTQMLLITIGLIAADMFMISGRW	47
VN6	MMRISTLYGVVDKQAIFFSEVVVIGISFNISIL	FLFHIFQFLLERLRITDLIIISLALIHLM	ITVMGFRVADIFASQNVW	80
VN7	MMNPVLWL-----QMTNMISYQGLVRTFPNSIL	FFAHLCMFFEENRCKPIDLCIAFLS	LTQMLLVMTMGLTAADMFMFAQGIW	81

III

IV

VVN1	DDI	ICK	SLL	LYL	YRT	F	R	G	L	S	C	L	S	V	L	Q	A	I	I	L	S	P	R	S	S	C	L	A	K	F	K	H	K	P	S	H	H	I	S	C	A	I	L	S	S	V	L	Y	M	F	I	S	S	H	L	L	V	S	I	A	T	P	N	L	T									
VVN2	DDI	ICK	SLL	LYL	YRT	F	R	G	L	S	L	T	T	C	A	L	S	V	L	Q	A	I	I	L	S	P	R	S	S	C	L	A	K	Y	K	H	K	P	P	H	I	F	C	A	M	L	F	S	V	L	Y	M	F	I	S	S	H	L	L	V	S	I	A	T	P	N	L	T						
VVN3	DDI	ICK	F	L	V	Y	L	R	S	F	R	G	L	S	L	T	T	C	M	L	S	V	L	Q	A	I	I	L	S	P	R	S	S	C	L	A	K	F	K	H	K	S	P	H	V	S	C	A	I	L	S	I	L	Y	M	F	I	S	S	H	L	L	V	S	I	A	T	P	N	L	T			
VVN4	DDI	ICK	S	Q	S	L	I	Y	L	H	R	L	R	G	F	T	L	S	A	A	C	L	N	V	F	W	M	I	L	S	S	K	S	C	L	T	F	K	H	N	S	P	H	I	S	G	A	F	L	L	C	V	L	Y	M	F	I	S	S	H	L	L	V	S	I	A	T	P	N	L	T			
VVN5	DDI	ICK	S	Q	S	L	I	Y	L	H	R	L	R	G	F	T	L	S	A	A	C	L	N	V	L	W	I	L	S	P	R	S	S	C	L	T	T	F	K	H	K	S	P	H	I	S	G	A	F	L	L	C	V	L	Y	M	F	I	S	S	H	L	L	V	S	I	A	T	P	N	L	T		
VVN6	NDI	ICK	S	L	A	H	L	H	R	L	R	G	L	S	L	C	A	T	C	L	S	I	F	Q	A	I	I	L	S	P	R	S	S	C	L	A	K	F	K	Y	K	S	T	Q	H	S	L	C	L	L	V	L	W	A	F	Y	M	S	C	G	T	H	Y	S	F	T	I	V	A	D	Y	N	F	S
VVN7	DDI	T	C	R	S	L	I	Y	F	H	R	L	R	G	F	N	L	C	A	A	C	L	H	I	W	F	T	L	S	P	R	S	S	C	L	T	T	F	K	H	K	S	P	H	I	S	G	A	Y	L	F	F	C	V	L	Y	M	S	F	S	S	H	L	F	V	L	V	I	A	T	S	N	L	T

V

VVN1	TNDFIHVTQWCSII	LPMSYLMQSMFSTLL	AIIRDVFL	LI	LMVL	LS	TW	YMVALL	CH	RHRKQTR	HL	QGT	SL	SPKASPEQRATR	SIL	IM	243	
VVN2	TNDFIHVSQSCSI	LPMSYLMQSMFSTLL	AIIRNVFL	LI	LI	LV	LS	TW	YMVALL	CH	RHRKQTR	HL	QDT	TS	SRKASPEQRATR	SIL	IM	243
VVN3	TNNEFMQVITQSGYI	PLSYLMQSMFSTLL	AIIRDVSL	LI	LMVL	LS	TC	YMEVLL	CH	RHRNQI	HL	QGT	IN	SPKASPEQRATQI	IL	IM	243	
VVN4	SDNFMVYTKSCSFL	PMCYSTRSMFSTII	AVREAF	FI	GL	MA	LS	SG	YL	VFLW	RHRKQQA	HL	HS	IG	LSSKSSPEQRATET	IL	IL	242
VVN5	SDNFMVYTKSCSFL	PMCYSTRSMFSTII	AVREAF	FI	GL	MA	LS	SG	YL	VFLW	RHRKQQA	HL	HS	IG	LSSKSSPEQRATET	IL	IL	242
VVN6	SRDLFVITEGII	LPMDYITRLHFI	IGIFRDVSL	FI	GL	MA	LS	SG	YMVAF	FW	RHKNAQA	HL	HS	TS	LSSKVSPEQRATR	IM	IM	209
VVN7	SDHFMVYTKSCSLL	PMYSRISTESLL	VMVIREVFL	LI	LMVL	LS	SG	YMVALL	CH	RHRKQQA	HL	HRT	TS	SPKASPEQRATR	IL	IL	242	
VVN8	SDHFMVYTKSCSLL	PMYSRISTESLL	VMVIREVFL	LI	LMVL	LS	SG	YMVALL	CH	RHRKQQA	HL	HS	TR	LSSKASPPQQRATR	IL	IL	243	

VI

vii

VN1	LMSLFVLM	MSV	FDS	IVCS	SRT	MYL	NDP	IS	YSY	QL	FMV	HI	YAT	VS	PP	VF	IV	TEK	HI	IV	NS	LR	SM	CV	KV	HEC	LN	IP	315							
VN2	LRSL	FGL	MSI	FDS	IAS	CS	SRT	MYL	NDP	TS	SI	QL	LV	HI	YAT	VS	PF	VF	MI	TEK	HI	IV	NY	LK	SM	YV	RV	LN	311							
VN3	LMTE	FFV	LM	SI	FDS	IVCS	SRT	MYL	NDP	TS	YI	QI	FG	VD	IAT	VS	PF	VF	MS	TEK	HI	IV	NF	LK	SM	CV	RV	KNV	311							
VN4	LMS	FFV	VLY	I	LEN	VV	FYS	SR	MF	KD	GS	TF	CV	QI	IV	SH	SY	YAT	VS	SS	VF	IF	TEK	MT	KI	LR	SV	CA	RI	INN	310					
VN5	LMS	FFV	VLY	I	LEN	VV	FYS	SR	MT	FK	DG	SM	F	CV	QI	IV	SH	SY	YAT	VS	PF	VF	IC	TEK	RI	IK	LW	GS	SS	RI	VS	277				
VN6	LM	SS	FFV	LM	YCL	OT	IS	AS	RL	MH	NG	EPI	H	HS	I	Q	MM	V	NS	YAT	LS	PL	LL	I	TEN	RI	IS	RF	LK	SL	LG	RT	310			
VN7	LMTE	FFV	FY	I	LG	TV	IF	HS	RT	K	FK	DG	S	I	F	CV	QI	IV	SH	SY	YAT	IS	PF	VF	VF	SEK	RI	IK	FF	RS	MC	G	RI	IV	N	311

FIGURE 4B

II

III

I-EP3B 59 SKRKKSFLLCIGWLAATDQVGGQLTSPVVILVYLSQRRWLEQL---DPSGRLCIFGLTMTVFGLSLQVASAMA 121
VN2 43 GQRRLTDLPGLSLINLMLIMACIATDIFISCRRWDDIICKSLLYRITFRGLSLSTTCQLSVLQAIILS 105

FIGURE 4C

III

VN6 KCKSLAHLHRLRLRGLSLCATCLLSIFQAITLSPRSSCLA
 HG25 NISPVYRYRLMRGLSISTTCLLSVLQAINLTPRSSRLA

IV

VN6 KSTQSLCSLLVLMAFYMSCGTHYSFTIVADYNFSSRSLIFVTESCIILPMDYITRDLEFFIILGIERDVSFIGLMALSSGYMVALLC 215
 HG25 RSSHFKPRCFLLLMVFEHISISGSFLVSTLPSKNVAENSVTFVTQSSAGPLSCFLGQTIFITLMTFQDVSL-QLMAPFSGYMWIILLC

VI

VN6 RHRKGAQHLHRTSLSPKASPEQRAITRIILLMSFEVLWYCLDCTISASR 263.
 HG25 RHNRRSQHLHSINLSPKAPPDKRAIQSILLVSVFFVFMCLFPFAALTLL

[illegible]

7/17

FIGURE 5B FIGURE 5D FIGURE 5F FIGURE 5H

FIGURE 5A FIGURE 5C FIGURE 5E FIGURE 5G FIGURE 5I

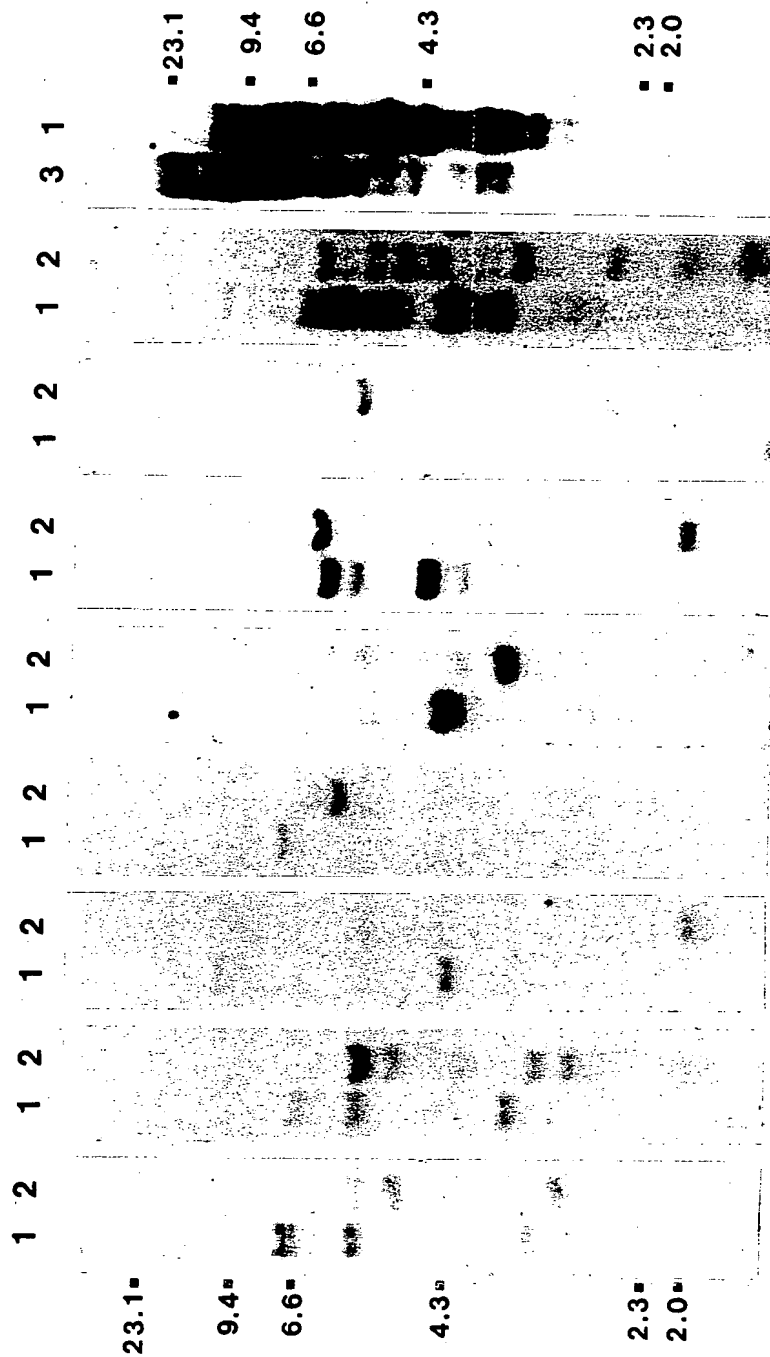


FIGURE 6A

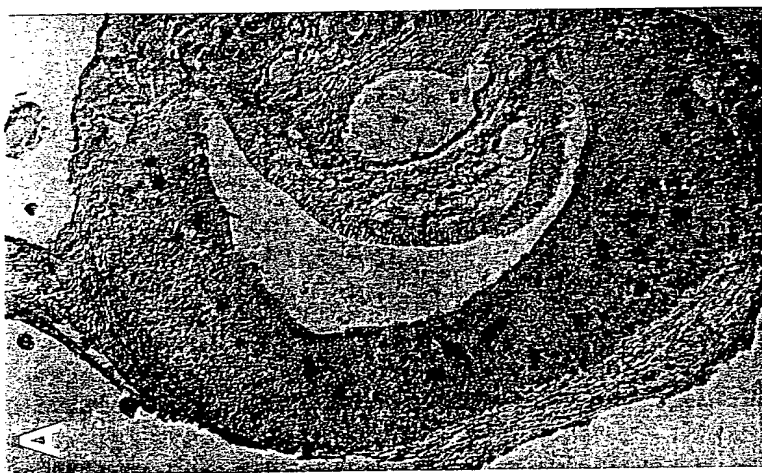


FIGURE 6B

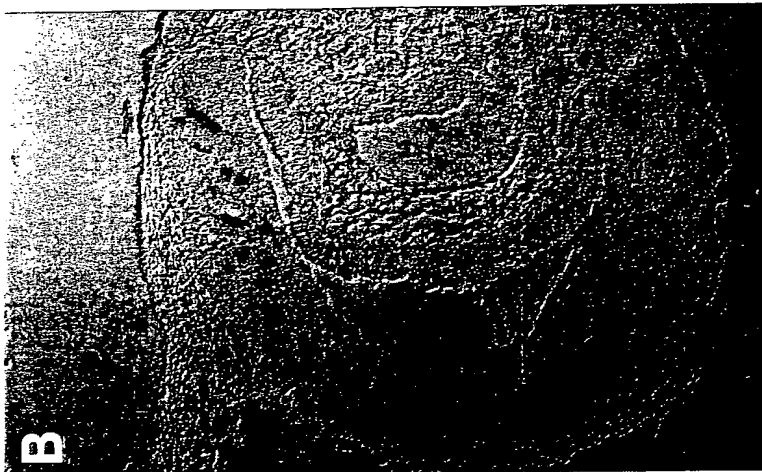
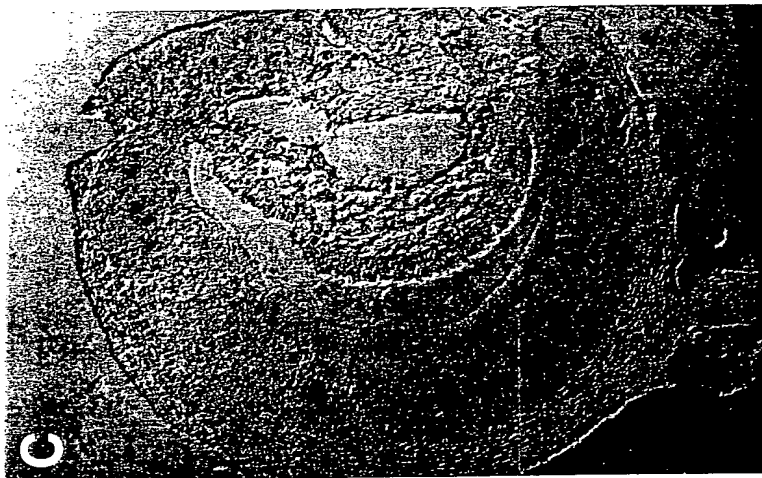


FIGURE 6C



09698415-070301

9/17

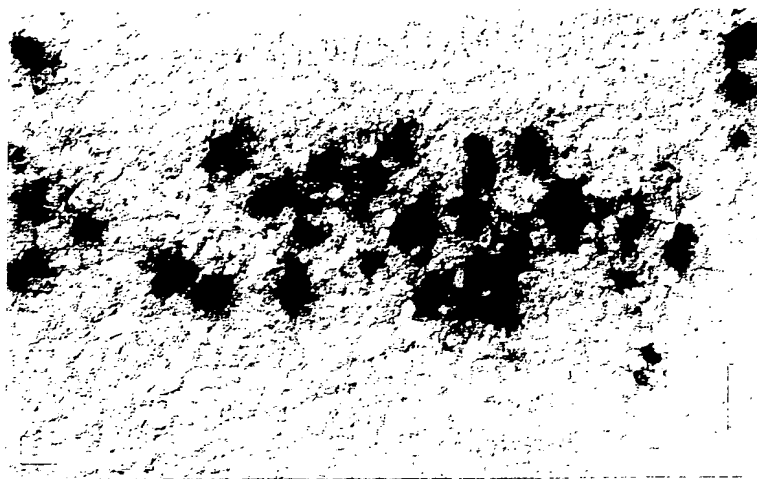


FIGURE 6F



FIGURE 6E

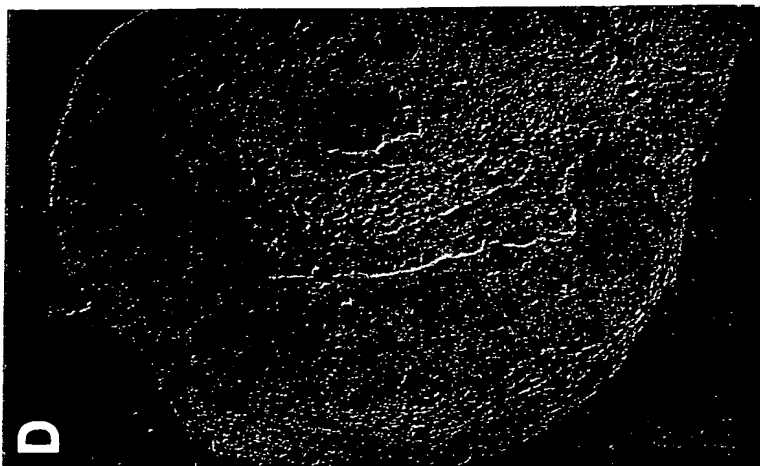


FIGURE 6D

10/17

FIGURE 7



09898415.070301

FIGURE 8

TTTCGGCACGAGTTCACCTGCCCTCGAATTTCAATTTGAGTAAGTGACCAGC
AATGGAGTACAGAATCAGAAGATGGTTGGATCCCAGGCAGGCTGTGGGAGG
AGGAACTCTGGAAGTGCATGAGGAGTTTGAGCACCTGCCATGGAGTAGCTG
ATCTCTGAGGACCCCTCANCACAGGTCCTGTGTTCTACATCAAGTGCATATT
TTTCCTAGGATATTCATTTCCGTAAGTCCTGAAATTACTTAATTTTTATAG
GAGTTCTCATATATGATGAATAAGAACAGCAGACTCTACACTGATTCTAA
CATAAGGAATACCTTTTTTCGCTGAAATTGGCATTGGAGTCTCAGCCAATAG
CCTCCTACTTCTCTTCAACATCTTCAAGTTAATTTGTGGGCAGAGGTCCAGA
CTCACTGACCTGCCCATTGGTCTCTTGTCCCTAATCAACTTACTTATGCTACT
GATGACGGCATTTCATAGCCACAGACACTTTTATTTCTTGGAGAGGGTGGGA
TGACATCATATGTAAATCCCTTCTCTACCTGTACAGAACTTTTAGAGGTCTC
TCTCTTTGTACCAGCTGCCTGTTGAGTGTCTGTCAGGCCATCATCCTCAGTCCC
AGAAGCTCCTGTTTAGCAAAGTTCAAACATAAGCCTTCCCATCACATCTCCT
GTGCCATTCTTTCTCTGAGTGTCTCTACATGTTTATTAGCAGTCACCTCTTA
GTATCCATCATTGCCACCCCAAATTTGACCACGAATGACTTTATTCATGTTA
CTCAGTGGTGCTCTATTCTACCCATGAGTTACCTCATGCAAAGCATGTTTTCT
ACACTGCTGGCCATCAGGGATGTCTTTCTTATTAGTCTCATGGTCCTGTCAAC
ATGGTACATGGTGGCTCTCTTGTGTAGGCACAGGAAACAGACCCGGCATCTT
CAGGGTACCAGCCTTTCCCCAAAAGCATCCCCAGAACAAAGGGCCACCCGTT
CCATCCTGATGCTCATGAGCTTATTTGTTCTGATGTCTGTCTTTGACAGCATT
GTCTGCAGCTCAAGAACTATGTATCTGAATGATCCAATATCTTATTCTTAT
CAACTATTTATGGTGCACATCTATGCCACAGTAAGCCCTTTTGTGTTTATTG
TCACTGAAAAACATATAGTTAACTCTTTGAGGTCCATGTGTGTGAAGGTGC
ATGAATGTTTGAATATTCCTTGATAGCAAGCTCCATTAAGAGGAGCCAAT
GTAAGCATCAGAACTGTCAATCATGGCGTGCTATGTGCTTTGGCATATGTG
AAATATGAAGTTGTTTTTCTGTAAAATGATTTACTTTAACTGACGAGAT
GATGAACGTAACAGAAGATTAAACCACATCCCCTTTGATAT

09898416.070301

FIGURE 9

GTGGATCCCCCGGGCTGCAGGAATTCGGCACGAGCCGTGATTAAGGGACTTTG
AACTTTTCAAGGGATTTGGAGTTTTATGAAGAATTTGAAGATTTACAGAG
TTTACAGGAATGGAGCTGACCAGCCACTATGACATGCCTTATATCTCCAAG
AGCATAAATATAAGGCATGGCATGAGAGGACCAGCAGCCACTGTTCTCAT
ATATGATGAATAAGAACAGCAGAGTCCACACTGATTCTACCATAAGGAA
TACCTTCTCCACTGAAATTGGCATTGGAATCTTAGCCAACAGTTTCCTACTT
CTCTTCCACATCTTCAAGTTTATTCGTGGACAGAGGTCCAGACTCACTGACCT
GCCCCATTGGTCTCTTGTCCCTAATCCACCTACTGATGCTACTGATGGGGGCAT
TCATAGCCATAGACATTTTTATTTCTTGGAGGGGATGGGATGACATCATAT
GTAAATTCCTTGTCTACTTGTACAGAAGTTTTAGAGGTCTCTCTCTTTGTAC
CACCTGCATGTTGAGTGTCTGCAGGCCATCACCTCAGCCCCAGAAGCTCCTG
TTTAGCAAAGTTCAAACATAAGTCTCCCCATCACGTCTCCTGTGCCATTATT
TCGCTGAGCATCCTCTACATGTTTCATTAGCAGTCACCTCTTAGTATCCATCA
ATGCCACCCCCAATTTGACCACGAACAACCTTTATGCAAGTTACTCAGTCCTG
CTACATTATACCCTTGAGTTACCTCATGCAAAGCATGTTTTCTACACTTCTG
GCCATCAGAGATATCTCTCTTATTAGTCTCATGGTCCTCTCGACTTGTTACAT
GGAGGTTCTCTTGTGTAGGCACAGGAATCAGATCCAGCATCTTCAAGGGACC
AACCTTTCCCCAAAAGCATCTCCAGAACAAAGGGCCACACAGACCATCCTG
ATGCTCATGACCTTCTTTGTCCTAATGTCCATTTTCGACAGCATTGTCTCCTG
TTCAAGAACTATGTATCTGAATGATCCAACATCTTACTATATTCAAATAT
TTGTAGTGGACATCTATGCCACAGTCAGCCCTTTTGTGTTTATGAGCACTGG
AAAACATATAGTTAACTTTTTGAAGTCCATGTGTGTGAGGGTGAAGAATG
TTTGAATATTCATTAATGGACAAGATCCTTTAAGAGGAGCCAATGTAGTC
ATCAGAACTGTCAGTCATGGTGTGCTGTCTATGTGCTTTGGTAAATGTGAA
TCATGAAGTTGTTTTTCTGGTAAAATGATTTACTTTAACCAACTCATGATT
GTAAACATGTAACAGGAGATTAAACAATATCCCCTTCGGAAA

AATTCGGCACGAGCAAAGGCAGGGAAGATGCTCCACTGGGATGTCATGTCTC
TATGCTCCACAGTGGAAAAGTTGTCACATTGTACAAACACTAAAATTACG
AATTGCTCACAGGCACTAAAAGCTTCCTTAATCCTGTGCAGGATCTCCTCAG
GTACAGAGTCCTCCTGATACGTCTATCTGGTCAGAGGAAAGAGCTGATCAG
TCATTAACAGAGCTGATTTGGTCCCTCCAAGGTCACATGACAAGGACTGTA
TGAGAAAACCAGCAGTGACATGTCTATAGAGATCATTCTGTGCCACACCCA
GCTCCATGTTTGGTTTGTGGTATTTGCTTCCTATCCACATACAATGAATAAA
GACAACACACTCCATGTTGACACAATCATGAAAATCACTATGTTCTCTGA
AGTGAGTGTTGGCATCTTAGCTAACAGTATCCTGTTTTTTGGTCACCTGTGC
ATGCTCCTTGGAGAGAAACAAGCCTAAGCCCATTCTCTACATTGCATCCT
TGTCCTAACACAACATAATGCTGCTTATAACTATGGGACTCATAGCTGCTG
ACATGTTTATTTCTCAGGGGATATGGGATTCTACCTCATGCCAGTCCCTTAT
CTATTTGCACAGGCTTTTCGAGGGGTTTTACCCCTTAGTGCTGCCTGTCTGCTGA
ATGTCTTTTGGATGATCACTCTCAGTTCTAAAAAATCCTGTTTAACAAAGT
TTAAACATAACTCTCCCCATCACATCTCAGGTGCCTTTCTTCTCCTCTGTGTT
CTCTACATGTGTTTTAGCAGTCACCTTATTTTATCGATTATTGCTACCCCTA
ACTTGACCTCAGATAATTTTATGTATGTTACTAAGTCCTGTTCAATTTCTACC
CATGTGTTACTCCAGAACAAGCATGTTTTCCACAACAATTGCTGTCAGGGA
AGCCTTTTTTATCGGTCTCATGGCCCTGTCCAGTGGGTACCTGGTGGCTTTCT
CTGGAGACACAGGAAGCAGGCCCAGCATCTTCACAGCACCGGCCTTTCTTCA
AAGTCATCTCCAGAGCAAAGGGGCCACCGAGACCATCCTGCTGCTTATGAGTT
TCTTTGTGGTTCTCTACATTTTGGAAAATGTTGTCTTCTACTCAAGGATGAA
GTTCAAGGATGGGTCAACATTCTACTGTGTCCAAATTATTGTGTCCCATAGC
TATGCCACTGTCAGCTCTTTTGTGTTTATTTTCACTGAAAAGCGTATGACTA
AGATATTGAGGTCAGTGTGTGCCAGAATAATAAATAAATTGATTATTCAGT
GATGGGTATTGCCCCCTAGAATAAACCATTACGTTGTGCATCAGAGGTTTGG
GTCATGACATAATTGGGACATTCTCTGTCTTAAATTGATAAATGAAATTT
TCTTTTTTCTGTTAAAACTGTTTCCTTTGTGTGTGGATGCCCAATATATGA
AAGAAAACATAAACACCATGTCCTCTTACATATCCAACCAAAAAAAAAA
AAA

FIGURE 11

TTTTTCCCACCTCTTCATGCTCTTTGAAAAGAACAGATCTAAGCCCATTGA
TCTCTACATTGCTTTCTTATCCTTAACCCAACTAATGCTGCTTATAACTATT
GGACTTATAGCTGCAGACATGTTTATGTCTCGGGGGAGATGGGATTCTACCA
CATGCCAGTCCCTTATCTATTTGGACAGGCTTTTGAGGGGGTTTTACCCCTTGT
GCTACCTGTCTGCTGAATGTCCTTTGGACCATCACTCTCAGTCCTAGAAGCTC
CTGTTTAACAACATTTAAACATAAATCTCCCCATCACATCTCAGGTGCCTT
TCTTTTCTTCTGTGTTCTCTATATATCTTTTGGCAGTCACCTCTTTTTATCAA
CAATTGCTACCCCCAATTTGACTTCAGATAATTTTATGTATGTTACTAAAT
CCTGTTCAATTTCTACCCATGAGTTACTCCAGAACAAGCATGTTTTCCACACC
AATGGCCATCAGGGAAGCCCTTCTTATTGGTCTCATTGGCCTGTCCAGTGGGT
ACATGGTTGCTTTCCTATGGAGACACAAGAATCAGGCCCCGGCATCTTCACAG
CACCAGCCTTTCTTCAAAAAGTGTCCCCAGAGCAAAGGGCCACCAGGACCATC
ATGATTCTCATGAGCTTCTTTGTGGTTCTCTACATTTTGGAAAATGTTGTCT
TCTACTCTAGGATGACATTCAAGGATGGGTCAATGTTCTACTGTGTCCAAA
TTATTGTGTCCCATAGCTATGCCACCATCAGCCCTTTTGTGTTTATTTGCACA
GAAAAGCGTATAATTAACTTTGGGGGTCAATGTCTAGCAGAATAGTAA
GTATTTGATTACTCAGTGATGGATATGGTCCCTTAATATAAACCAATATG
TTGTCATAATAACTATGGATCATGACATATTGGGGACATTCTGTGTCTTAA
ATTTATAAAAAAAATTTTCTTTTTTTTGTGTTTAATCTGTTTCCCTTGTGTG
TGGATGATAAGTATATAAAGGGAAATTAACAGCGTGTCCCCTCAGATAT
CCAAAAAAAAAAAAAAAAAAAA

FIGURE 12

GGGCTGCAGGAATTCGGCACGAGTCAGAGTCCTTCCCTGCTATGTGTATCTGG
AGCCAGCGACTCTTCTATGGAGAGCAGCTGTGCAGGCAGGTGGTGGAGCGGA
AGAAGGCGTGCTGCTGTGACATCATCAAGATGCTGCCTAGCCCTGCGTCGCTG
CTCTTCTGAGGAAGCAGGAGACTGACCCCTGTGACAATGACTTGATGAGTCA
CTCTGTTGTCTACTTACCCTAGTTCTTTGTCCCATAACAATGAGGAGAATCAG
CACACTGTATGGAGTTGTTGACAAGCAAGCTATATTTTTCTCTGAAGTAGT
CATCGGGATCTCATTCAACAGTATCCTCTTCCCTCTTCCACATCTTTCAGTTCC
TTCTTGAGCGTAGGGCTCCGGATCACTGACCTGATCATCAGTCTCTTGGCCCTC
ATCCACCTTGGGATGCTAACAGTCATGGGATTGAGAGCTGTTGATATTTTTG
CATCTCAGAATGTGTGGAATGACATCAAATGCAAATCCCTTGGCCACTTAC
ACAGACTTTTGAGGGGCCCTCTCTCTTTGTGCTACCTGTCTGCTGAGTATCTTCC
AGGCCATCACCTTAGCCCCAGAAGCTCCTGTTTAGCAAAGTTCAAATATA
AATCCACACAGCACAGCCTGTGTTCCCTTCTTGTGCTCTGGGCCTTCTACATGT
CCTGTGGTACTCACTACTCCTTCACCATCGTTGCTGACTACAACCTTCTCTTCAC
GCAGTCTCATATTTGTCACTGAATCCTGCATTATTTTACCCATGGATTACAT
CACCAGGGATTTATTTTTCATATTGGGGATATTTTCGGGATGTGTCCTTCATA
GGTCTCATGGCCCTCTCCAGCGGGTACATGGTGGCCCTCTTGTGCAGACACAGG
AAACAGGCCCAGCATCTTCACAGGACCAGCCTTTCTCCAAAAGCATCCCCAG
AGCAAAGGGCCACCAGGACCATCCTGTTGCTCATGAGCTTCTTTGTGTTGAT
GTACTGCTTGGACTGCACCATATCCGCCTCCAGACTTATGCACAACGGTGAA
CCAATCCACCACAGTATTCAGATGATGGTCTCCAATAGCTATGCCACCCTCA
GCCCTTTGCTGTTAATTGTTACTGAAAATCGAATTAGTAGGTTTTTTGAAGT
CCTTGCTAGGAAGGACAGTAGATGCTTAAGTATTGAGGGGAGGCAGGCCCA
CTAAAGGAGCCAATATGCTAGCTACTGAATAATGAATCCTGGCCTAGTCCT
CATGCAATCCTGAACAAATTAATACATGACTCATGCTTCGTTAAACCTGCT
TCTTTTGAAATGTGTATTACCAACACCTGTAGATATTTGAGTCAAATTTCT
TCATGTGTATTTCTTCTCAGTGTGAGTAGGGGACATCTGTGACACTTTCACA
GATTAGGGTAACCTGTGCACTTATCAATAAGCTAAAGTGTACAGCACATT
TTACTAAGCCAATTATCTCAACAGTTTGTCTTCTACCCAATTAAATATGTA
AATGTTACCACCAAAAAAAAAAAAAAAAAA

FIGURE 13

TTGGGGTAAAACGGCTCGATGACTTCCACATGTTTTGCCATGGCAGAATCTG
CTCCATGCGGGACAAGAAAATCTCTTTTCTGGTCTGACGGNGCTTACTGCTG
AATTCACTGTTCGGCGAAGGTAAGTTGATGACTCATGATGAACCCTGTTCTA
TGGCTCCAGATGACAAACATGATCTCATATCAGGGACTTGTTTCGCACCTTCC
CTAACAGTATCCTGTTTTTTTGCCACCTCTGCATGTTCTTTGAAGAGAACAG
GTCTAAGCCCATTGATCTGTGCATTGCTTTCTTATCCTTAACCCAACTAATG
CTGCTTGTAACATGAGGACTCATAGCTGCAGACATGTTTATGGCTCAGGGGA
TATGGGATATTACCACATGCAGGTCCCTTATCTATTTTCACAGACTTTTGAG.
GGGTTTCAACCTTTGTGCTGCCTGTCTACTGCATATCCTTTGGACCTTCACTCT
CAGTCCTAGAAGCTCCTGTTTAAACAAAGTTTAAACATAAATCTCCCCATCA
CATCTCAGGTGCCTATCTTTTCTTCTGTGTTCTCTATATGTCCTTTAGCAGTC
ACCTCTTTGTATTGGTCATTGCTACCTCCAATTTAACCTCAGATCATTTTAT
GTATGTTACTCAGTCCTGCTCACTTCTACCCATGAGTTACTCCAGAACAAGC
ACGTTTTCTTACTGATGGTCACCAGGGAAGTCTTTCTTATCAGTCTCATGGC
CCTGTCCAGTGGGTACATGGTGACTCTCCTATGGAGGCACAAGAAGCAGGCC
CAGCATCTTCACAGCACCAGACTTTCTTCAAAAGCATCCCCACAGCAAAGGG
CCACCAGGACCATCCTGCTGCTTATGACCTTCTTTGTGGTTTTCTACATTTTA
GGCACTGTTATCTTCCACTCAAGGACTAAGTTCAAGGATGGGTCAATCTTCT
ACTGTGTCCAAATTATTGTGTCCCATAGCTATGCCACTATCAGCCCATTGT
GTTTGTTTTTTCTGAAAAGCGCATAATCAAGTTTTTTAGATCAATGTGTGG
CAGAATAGTAAATACTTGATTATTCAGTATGAGTATGGGTCATGAATAT
AGTCTAGTAAATTGTGATCAGAGTTATGGCTCATGACATATTAACAAACAT
TCTCTAATTTAAGTTTAAACATATAAAATTATCTTATTTCTCTTAAATGTG
TTTACTTTGTGTGTATTAAAAGTATGTAAAAGATAATTAATCCCAAAT
ACACCTTTTTTCAAATTAACAAA

0989416-070301

FIGURE 14

1	AAACATAAGT	CCAGTTATCT	ACAGGTACAG	GTTGATGAGA	GGCCTCTCCA	TTTCCACCAC
61	CTGCCGTGTG	AGTGTCCTCC	AGGCCATCAA	CCTCACCCCA	AGGAGCTCCC	GTTTGGCAAT
121	GTTCAGAGAT	CCTCACATCA	CAAAACCGGT	TGCTTTCTCT	TGCTGTGGGT	CTTCCACATA
181	TCCATTAGTG	GAAGCTTCTT	AGTCTCCACT	CTTCCCTCCA	AAATGTGC	CTCAAAATAGT
241	GTTACATTIG	TCACTCAATC	CTGCTCTGCT	GGGCCCCCTGA	GTTGCTTCCT	TGGCAGACA
301	ATTTTCACAC	TGATGACATT	TCAGGATGTC	TCCTTGCAGC	TCATGGCCCC	CTTCAGTGGG
361	TACATGGTGA	TTCTCTTTTG	CAGGCATAAC	AGGAGTCTC	AGCATCTTCA	TAGTATCAAC
421	CTTTCTCCAA	AAGCACCCCC	AGATAAAAGG	GCCATCCAGA	GCATTCCTTT	GCTCGTGAGT
481	TTCTTTGTGT	TCATGTGCCT	TTTCCCATT	GCTGCCTTAA	CACCTCTGTC	